

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/005824

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl⁷ A61K48/00, 31/7088, A61P35/00, 35/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl⁷ A61K48/00, 31/7088, A61P35/00, 35/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

BIOSIS (DIALOG), CAPLUS (STN), MEDLINE (STN)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MURATA, Yoji et al., The Wilms tumor suppressor gene WT1 induces G1 arrest and apoptosis in myeloblastic leukemia M1 cells, FEBS Letters, 1997, Vol.409, No.1, pages 41 to 45	1-7
Y	INOUE, K. et al., Wilms' tumor gene (WT1) competes with differentiation-inducing signal in hematopoietic progenitor cells. Blood., 1998, Vol.91, No.8, pages 2969 to 2976	1-7
Y	OJI, Y. et al., Expression of the Wilms' tumor gene WT1 in solid tumor and its involvement in tumor cell growth, Japanese Journal of Cancer Research, 1999, Vol.90, pages 194 to 204	1-7

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

21 June, 2005 (21.06.05)

Date of mailing of the international search report

05 July, 2005 (05.07.05)

Name and mailing address of the ISA/
Japanese Patent Office

Authorized officer

Facsimile No.

Telephone No.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DAVIES, Jamie A. et al., Development of an siRNA-based method for repressing specific genes in renal organ culture and its use to show that the Wt1 tumor suppressor is required for nephron differentiation, Human Molecular Genetics, 15 January, 2004 (15.01.04), Vol.13, No.2, pages 235 to 246	1-7

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Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

The invention of claim 1 relates to a cytostatic agent comprising as an active ingredient any of the following: (a) double stranded RNA containing RNA complementary to a transcription product of WT1 gene and RNA complementary to the RNA, (b) DNA coding for the double stranded RNA (a), and (c) vector having the DNA (b) inserted therein. However, as the siRNA targeting WT1 gene is publicly known, there is no common matter, considered as a special technical feature within the meaning of PCT Rule 13.2, second sentence, to the invention of claims 1-7, invention of claims 8-12, invention of claims 13-14, invention of claims 15-16, invention of claims 17-18 and invention of claims 19-20. (continued to extra sheet)

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: 1-7

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

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Continuation of Box No.III of continuation of first sheet(2)

Consequently, no technical relationship within the meaning of PCT Rule 13 can be found among the different inventions. Therefore, as among these inventions, there is no technical relationship involving one or more of the same or corresponding special technical features, it does not appear that these inventions are linked with each other so as to form a single general inventive concept.